

Figure 1

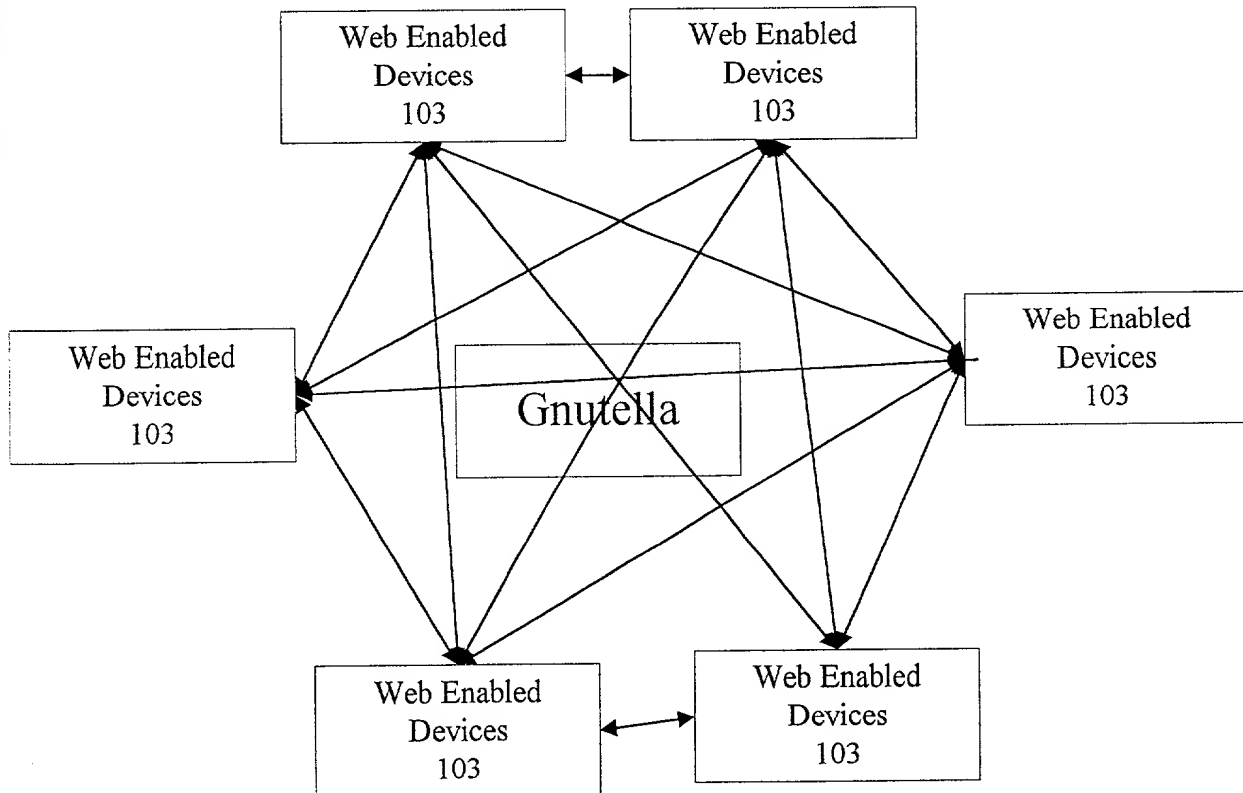
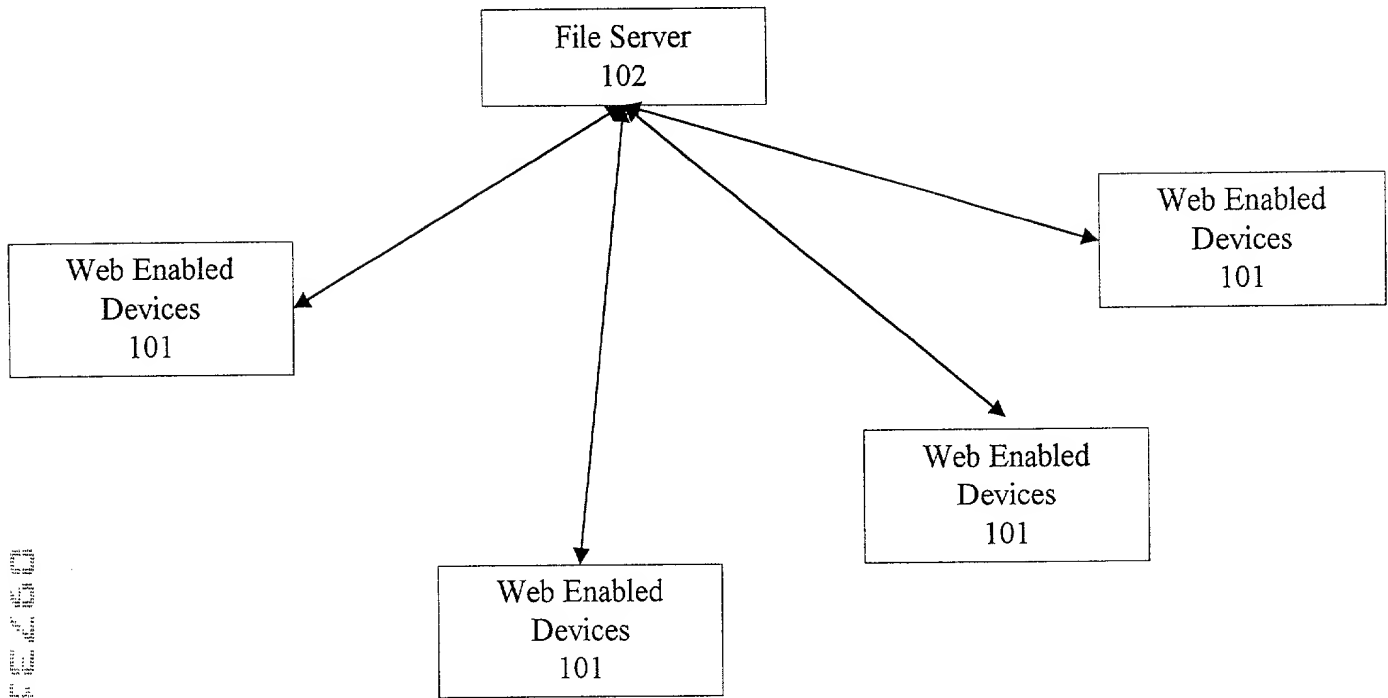


Figure 2a

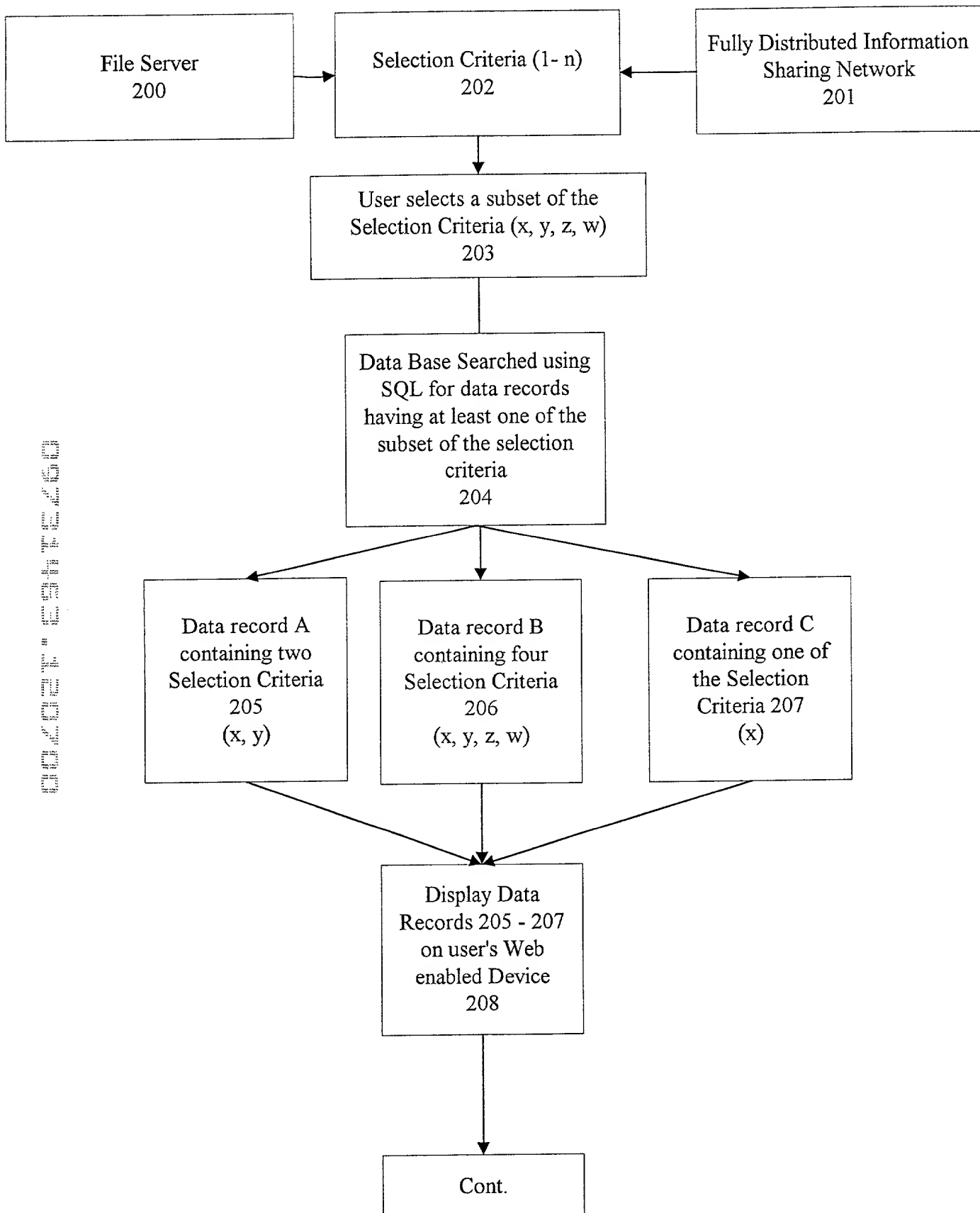


Figure 2b

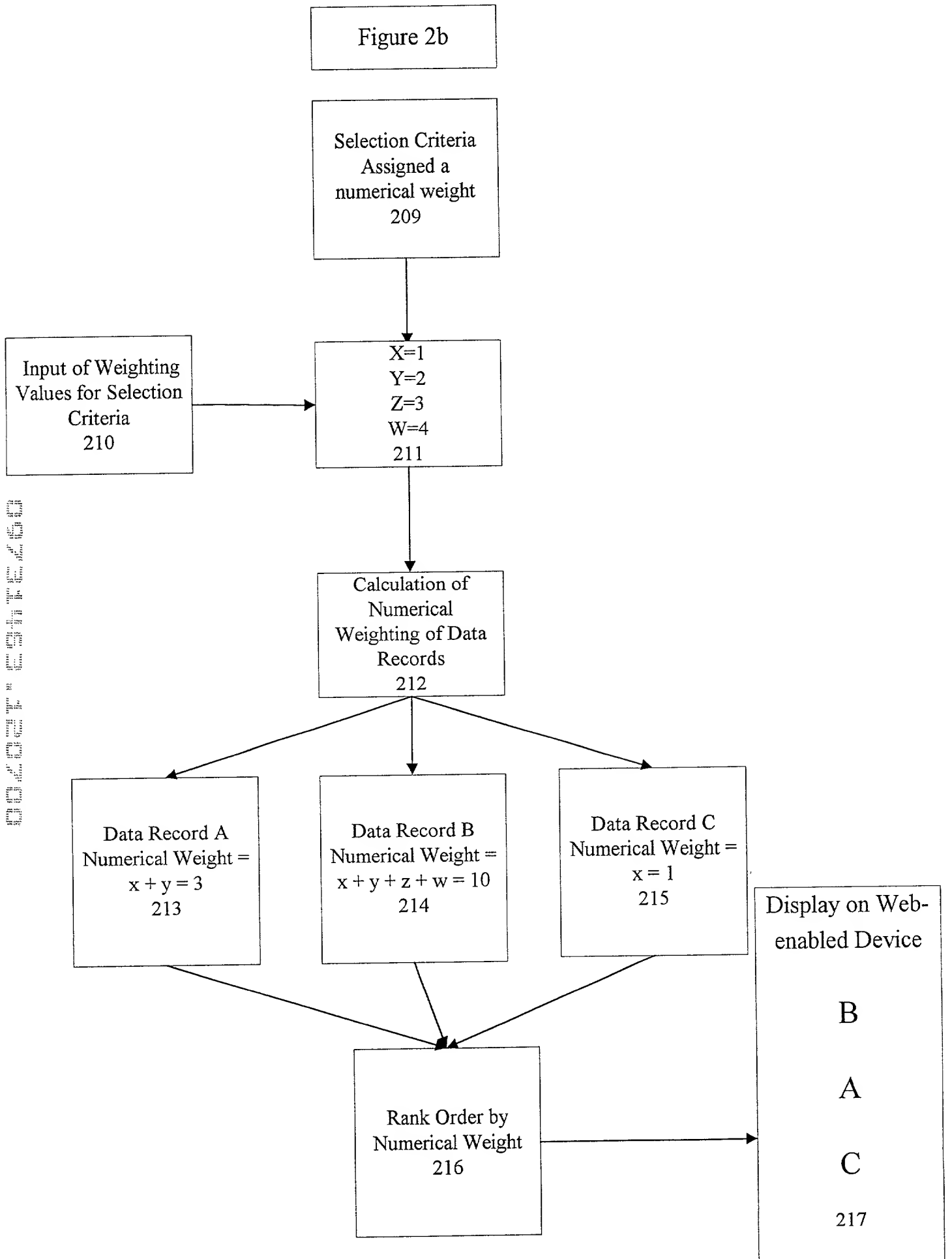


Figure 3a

Selection Criteria (1- n)
301

User selects a first set of Selection
Criteria (x, y, z, w)
302

User selects a second set of
Selection Criteria (m, n, o, p,q,r,s)
303

Data Base Searched using SQL for data
records having all of the first set of
Selection Criteria and at least one of the
second set of Selection Criteria
304

Data record A
containing
Selection
Criteria (m)
305

Data record B
containing
Selection
Criteria (m, n)
306

Data record C
containing
Selection
Criteria (m, n,
o, p) 307

Data record D
containing
Selection
Criteria
(m,n,o,p,q)
308

Data record E
containing
Selection
Criteria (q,r,s)
309

Data record F
containing
Selection
Criteria (p,r,s)
310

Rank Ordering Function of Data Records Selected
311

Figure 3b

Input of Weighting
Values for Second
Set of Selection
Criteria
312

Weighting
m = 1
n = 2
o = 3
p = 4
q = 5
r = 6
s = 7
313

Determination of Data Record Numerical Weight 314

Data record A
numerical
weight = m =
1
315

Data record B
numerical
weight = m+n
= 3
316

Data record C
numerical
weight =
m+n+o+p =
10
317

Data record D
numerical
weight =
m+n+o+p+q =
15
318

Data record E
numerical
weight =
q+r+s =
18
319

Data record F
numerical
weight =
p+r+s = 18
320

Rank Ordering of Data Records Selected by Numerical Weight
320

Rank Order of Data
Records
F-E
D
C
B
A
321

Figure 4a

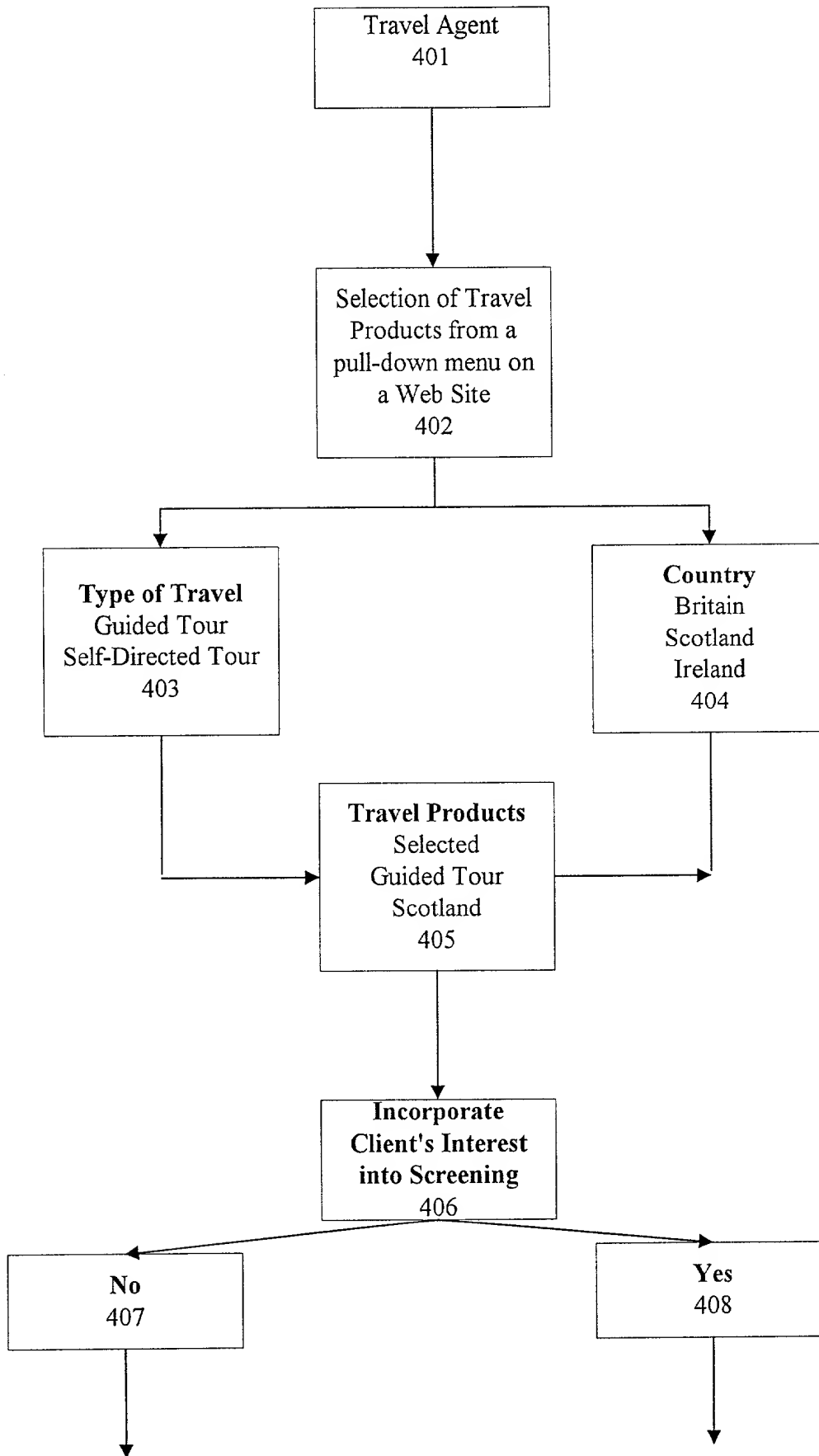


Figure 4b

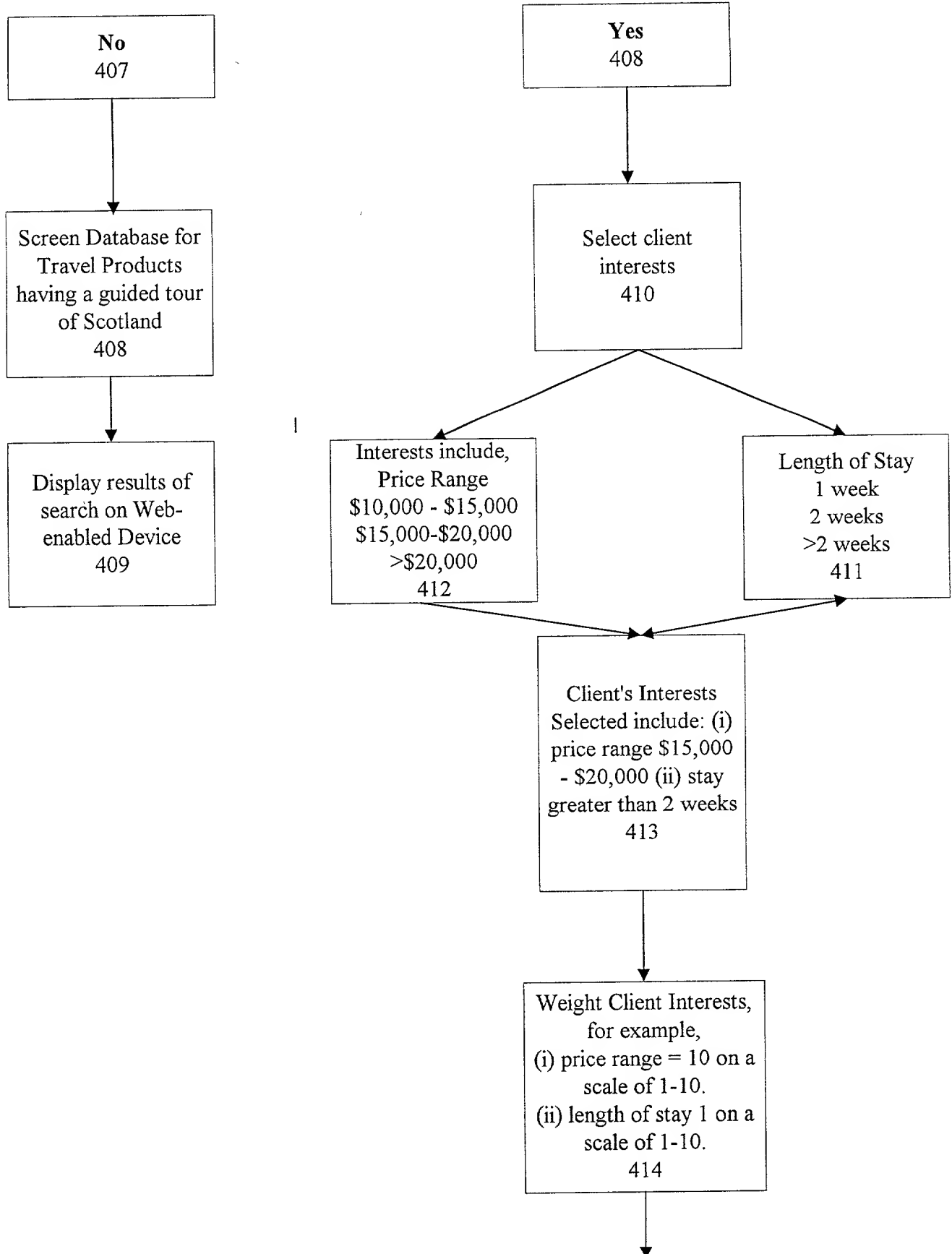


Figure 4c

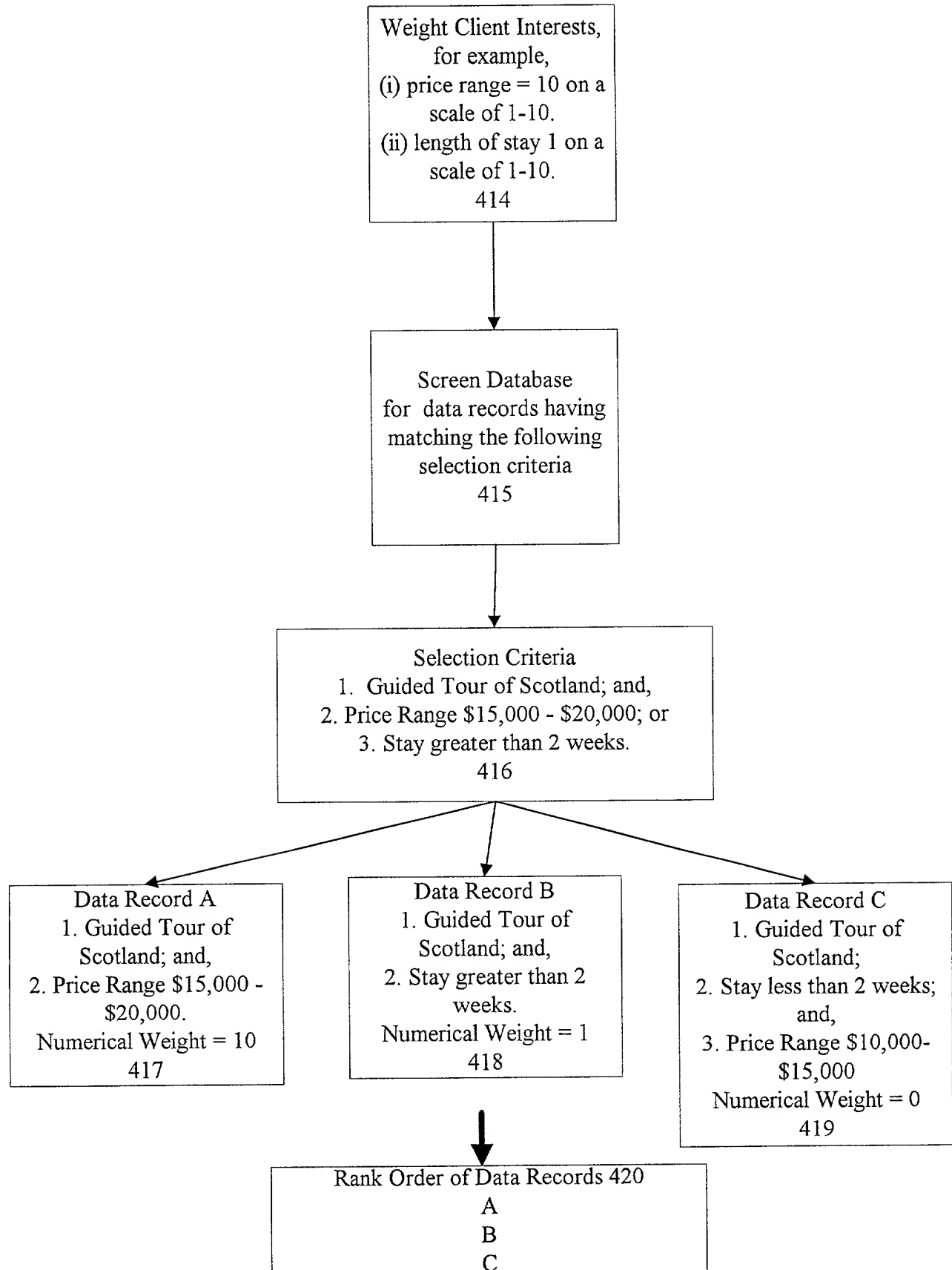


Figure 6

Virtual Fax - Process Flow

